

CGC 1PS- Unit 1 Review

1.1 Plate Tectonics

200 million years ago, all of the continents combined to form a single supercontinent called _____

What do we have as proof that Pangea did exist?

When plates move apart _____ rises through the open space and then cools, causing a _____

When they come together two things can happen: _____

Labeling a Volcano

1.2 Faulting and Folding

Folds in the earth make _____

Faults in the earth can cause : _____

2.1 The Nature of Weather

What is weather? _____

When people ask what the weather is supposed to be like, what two pieces of information are they looking for? _____

Temperature is measured in _____

Air pressure is measured by using an instrument called a _____

Temperature is measured by using an instrument called a _____

The earth is warmest at _____ and coldest at the north and south poles

The _____ is the source of heat on earth

What is precipitation? _____

Name 4 types of precipitation _____

2.2 Weather in Action

Scientists who study the weather are called _____

How did the Ice storm of 1998 affect Canadian citizens? _____

2.3 Climate

What is climate? _____

_____ is the measure of distance north and south of the equator

Areas near the _____ receive direct rays from the sun year round

_____ refers to the distance above sea level

How do ocean currents effect the temperature of certain land regions? _____

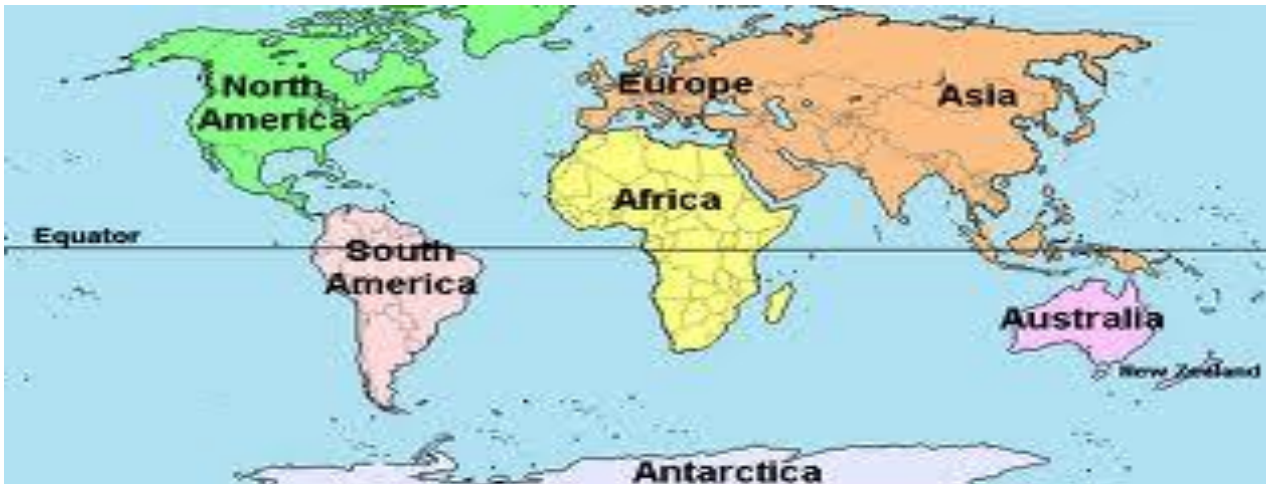
Lower latitudes have cooler climates (closer to 0°) T F

How is it that when you are on the ground and it's 10°, the mountains you are looking at right in front of you has snow on them? _____

Why are the north and south poles cooler than areas that are around the equator? _____

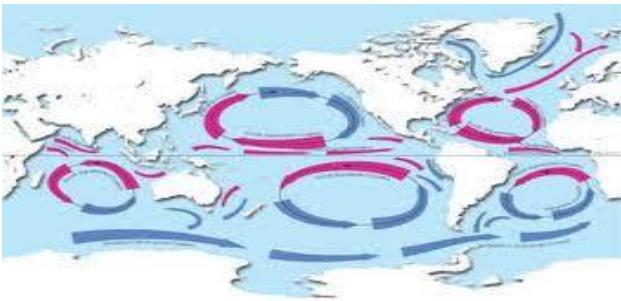
2.4 Factors that Influence Climate

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O
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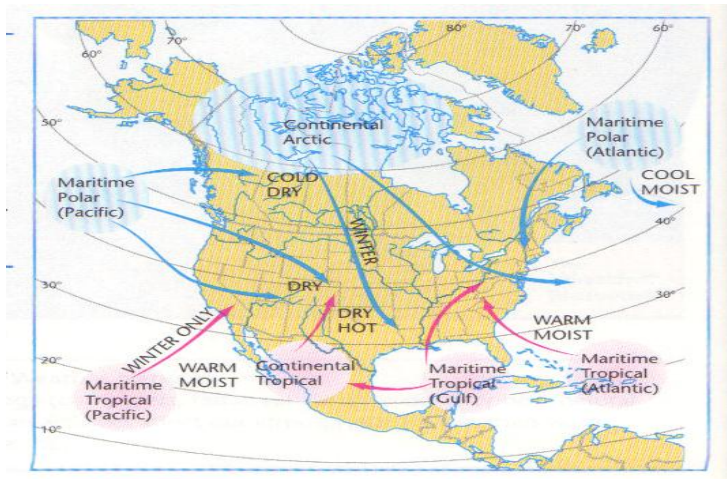


Name 3 countries that would have a warm climate all year round?

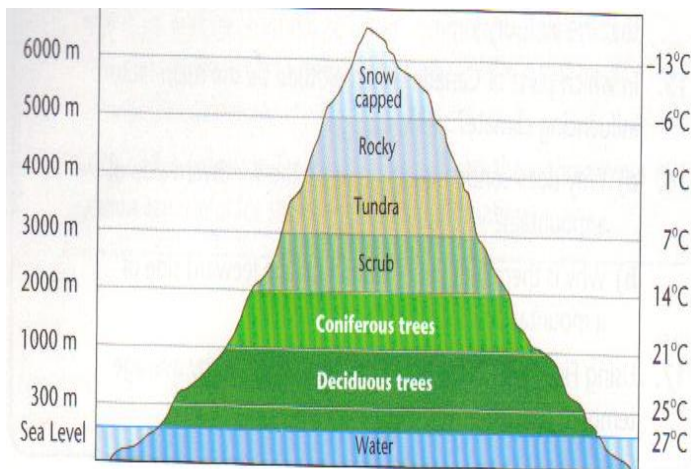
Name 4 countries that would have a warm climate as well as a cool climate



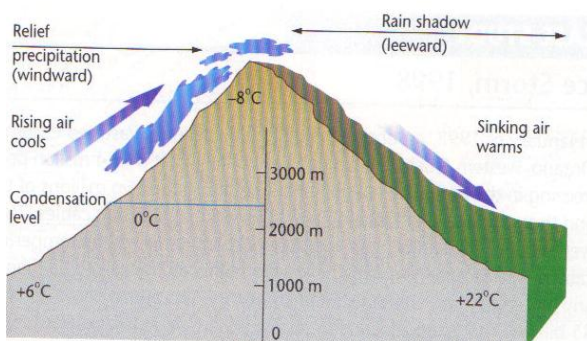
Explain how these ocean currents would affect the climate of the land around it



Explain how these wind /air masses affect the climate of the land



Explain how elevation affects climate



Explain how relief affects climate

How does nearness to water affect climate?

2.5 Plants and Soils

Each area in Canada looks different because of different natural systems at work. These natural systems include: _____

_____ means plants and growing conditions that are native to an area and have not been changed by humans.

_____ are the materials that sit on top of bedrock and allow plants to grow

Soil is made up of 4 components: **M**_____ **O**_____

M_____ **A**_____

Knowing what is in each layer (s) to soil

O

A

B

C

D

Vegetation Regions/ Location/Facts about Region

1.

2

3

4

5